Contents

Apirion, D., s. Ray, B.K. 25
Arst, H.N. Jr., Rand, K.N., Bailey, C.R.: Do the Tightly Linked Structural Genes for Nitrate and Nitrite Reductases in *Aspergillus nidulans* Form an Operon? Evidence from an Insertional Translocation Which Separates Them 89
Atchison, B.A., Choo, K.-B., Devenish, R.J., Linnane, A.W., Nagley, P.: Biogenesis of Mitochondria. 53. Physical Map of Genetic Loci in the 21S Ribosomal RNA Region of Mitochondrial DNA in *Saccharomyces cerevisiae* 307
Ausubel, F.M., s. Cannon, F.C., et al. 59
Bailey, C.R., s. Arst, H.N., Jr., et al. 89
Barnett, W.E., s. Helling, R.B., et al. 1
Bassford, P.J., Jr., s. Silhavy, T.J., et al. 249
Baumgartner, J.E., s. Helling, R.B., et al. 1
Beckwith, J.R., s. Silhavy, T.J., et al. 249
Berek, I., s. Miczák, A., et al. 293
Bernardi, G., s. Gaillard, C. 335
Bott, K.F., s. Cannon, J.G. 149
Bournias-Vardiabasis, N., s. Bownes, M., et al. 67
Bownes, M., Bournias-Vardiabasis, N., Spare, W.J.: Genetic Analysis of the *Spineless-Aristapedia* Homoeotic Mutants of *Drosophila melanogaster* 67
Braun-Breton, C., s. Raibaud, O., et al. 241
Brickman, E., s. Silhavy, T.J., et al. 249
Butler, L.O., s. George, Y. 317
Cannon, F.C., Riedel, G.E., Ausubel, F.M.: Overlapping Sequences of *Klebsiella pneumoniae nif* DNA Cloned and Characterised 59
Cannon, J.G., Bott, K.F.: Spectinomycin-Resistant Mutants of *Bacillus subtilis* with Altered Sporulation Properties . 149
Canosi, U., s. Mottes, M., et al. 281
Caro, L., s. Frey, J., et al. 117
Casadaban, M.J., s. Silhavy, T.J., et al. 249
Casadesús, J., Olivares, J.: Rough and Fine Linkage Mapping of the *Rhizobium meliloti* Chromosome 203
Chandler, M., s. Frey, J., et al. 117
Charlier, D., Crabeel, M., Cunin, R., Glansdorff, N.: Tandem and Inverted Repeats of Arginine Genes in *Escherichia coli*. Structural and Evolutionary Considerations . . 75
Choo, K.-B., s. Atchison, B.A., et al. 307
Clément, J.-M., s. Raibaud, O., et al. 261
Cohen, S.N., s. Meacock, P.A. 135
Cox, R.A., Peden, K.: A Study of the Organisation of the Ribosomal Ribonucleic Acid Gene Cluster of *Neurospora crassa* by means of Restriction Endonuclease Analysis and Cloning in Bacteriophage Lambda 17
Crabeel, M., s. Charlier, D., et al. 75
Cunin, R., s. Charlier, D., et al. 75
Deschamps, J., Dubois, E., Wiame, J.-M.: *L*-Ornithine Transaminase Synthesis in *Saccharomyces cervisiae*: Regulation by Inducer Exclusion 225
Devenish, R.J., Hall, R.M., Linnane, A.W., Lukins, H.B.: Biogenesis of Mitochondria. 52. Deletions in Petite Strains, Occurring in the Mitochondrial Gene for the 21S Ribosomal RNA, that Affect the Properties of Mitochondrial Recombination 297
Devenish, R.J., s. Atchison, B.A., et al. 307
Doi, R.H., s. Williamson, V.M. 47
Dubois, E., s. Deschamps, J., et al. 225
Dunican, L.K., s. Stanley, J. 211
Egilsson, V., Evans, I.H., Wilkie, D.: Toxic and Mutagenic Effects of Carcinogens on the Mitochondria of *Saccharomyces cerevisiae* 39
Evans, I.H., s. Egilsson, V., et al. 39
Feller, A., s. Piérard, A., et al. 163
Frey, J., Chandler, M., Caro, L.: The Effects of an *Escherichia coli dnaAts* Mutation on the Replication of the Plasmids colE1, pSC101, R100.1 and RTF-TC 117
Gaillard, C., Bernardi, G.: The Nucleotide Sequence of the Mitochondrial Genome of a Spontaneous "Petite" Mutant of Yeast. (Short Communication) 335
Gantotti, B.V., Patil, S.S., Mandl, M.: Genetic Transformation of *Pseudomonas phaseolicola* by R-Factor DNA. (Short Communication) 101
George, Y., Butler, L.O.: Suppressor Mutations Causing Partial Reversion in the *amiA* Region of *Pneumococcus* . . 317
Glansdorff, N., s. Charlier, D., et al. 75
Grandi, G., s. Mottes, M., et al. 281
Groot, G.S.P., Mason, T.L., Harten-Loosbroek, N. Van: Var_1 is Associated with the Small Ribosomal Subunit of Mitochondrial Ribosomes in Yeast. (Short Communication) 339
Guarente, L., s. Silhavy, T.J., et al. 249
Hagiya, M., s. Tohoyama, H., et al. 269
Hall, R.M., s. Devenish, R.J., et al. 297
Harten-Loosbroek, N. Van, s. Groot, G.S.P., et al. 339
Helling, R.B., Raafat El-Gewely, M., Lomax, M.I., Baumgartner, J.E., Schwartzbach, S.D., Barnett, W.E.: Organization of the Chloroplast Ribosomal RNA Genes of *Euglena gracilis bacillaris* 1
Hilger, F., s. Piérard, A., et al. 163
Hofnung, M., s. Raibaud, O., et al. 261
Ishihama, A., s. Kawakami, K., et al. 107
Johnson, M.M., Woloshyn, E.P., Nash, D.: Cytogenetic Localisation of the *purine 1* and *guanosine 1* Loci of *Drosophila melanogaster;* the *purine 1* Locus Specifies a Vital Function 287
Kawakami, K., Saitoh, T., Ishihama, A.: Biosynthesis of RNA Polymerase in *Escherichia coli*. IX. Growth-Dependent Variations in the Synthesis Rate, Content and Distribution of RNA Polymerase 107
Kuwano, M., s. Ono, M., et al. 11
Levine, J.G., s. Taylor, D.E. 127
Linnane, A.W., s. Atchison, B.A., et al. 307
Linnane, A.W., s. Devenish, R.J., et al. 297
Lomax, M.I., s. Helling, R.B., et al. 1
Lukins, H.B., s. Devenish, R.J., et al. 297
Lycan, D., s. Sealy-Lewis, H.M., et al. 105
Mandel, M., s. Gantotti, B.V., et al. 101
Mason, T.L., s. Groot, G.S.P., et al. 339
Meacock, P.A., Cohen, S.N.: Genetic Analysis of the Interrealtionship Between Plasmid Replication and Incompatibility 135
Messenguy, F., s. Piérard, A., et al. 163
Miczák, A., Prágai, B., Berek, I.: Mapping the Uroporphyrinogen III Cosynthase Locus in *Bacillus subtilis* 293
Mizushima, S., s. Ono, M., et al. 11
Morelli, G., s. Mottes, M., et al. 281
Morzycka, E., Paszewski, A.: Regulation of S-Amino Acids Biosynthesis in *Saccharomycopsis lipolytica* 33
Mottes, M., Grandi, G., Sgaramella, V., Canosi, U., Morelli, G., Trautner, T.A.: Different Specific Activities of the Monomeric and Oligomeric Forms of Plasmid DNA in Transformation of *B. subtilis* and *E. coli* 281
Nagley, P., s. Atchison, B.A., et al. 307
Nash, D., s. Johnson, M.M., et al. 287
Olivares, J., s. Casadesús, J. 203
Ono, M., Kuwano, M., Mizushima, S.: Genetic Analysis

of a Mutation Affecting Ribosomal Protein S1 in *Escherichia coli* 11
Pardo, D., Vola, C., Rosset, R.: Assembly of Ribosomal Subunits Affected in a Ribosomal Mutant of *E. coli* Having an Altered L22 Protein 53
Paszewski, A., s. Morzycka, E. 33
Patil, S.S., s. Gantotti, B.V., et al. 101
Peden, K., s. Cox, R.A. 17
Piérard, A., Messenguy, F., Feller, A., Hilger, F.: Dual Regulation of the Synthesis of the Arginine Pathway Carbamoylphosphate Synthase of *Saccharomyces cerevisiae* by Specific and General Controls of Amino Acid Biosynthesis 163
Prágai, B., s. Miczák, A., et al. 293
Raafat El-Gewely, M., s. Helling, R.B., et al. 1
Raibaud, O., Clément, J.-M., Hofnung, M.: Structure of the *malB* Region in *Escherichia coli* K12. III. Correlation of the Genetic Map with the Restriction Map 261
Raibaud, O., Roa, M., Braun-Breton, C., Schwartz, M.: Structure of the *malB* Region in *Escherichia coli* K12. I. Genetic Map of the *malK-lamB* Operon 241
Rand, K.N., s. Arst, H.N., Jr., et al. 89
Ray, B.K., Apirion, D.: Characterization of 10S RNA: A New Stable RNA Molecule from *Escherichia coli* . . . 25
Riedel, G.E., s. Cannon, F.C., et al. 59
Roa, M., s. Raibaud, O., et al. 241
Rosset, R., s. Pardo, D., et al. 53
Saitoh, T., s. Kawakami, K., et al. 107
Sang, H., Whitehouse, H.L.K.: Genetic Recombination at the *buff* Spore Colour Locus in *Sordaria brevicollis*. I. Analysis of Flanking Marker Behaviour in Crosses between *buff* Mutants and Wild Type 327
Scazzocchio, C., s. Sealy-Lewis, H.M., et al. 105
Schumann, W.: Construction of an *Hpa*I and *Hind*II Plasmid Vector Allowing Direct Selection of Transformants Harboring Recombinant Plasmids 221
Schwartz, D.: Analysis of the Size Alleles of the *Pro* Gene in Maize–Evidence for a Mutant Protein Processor . . . 233
Schwartz, M., s. Raibaud, O., et al. 241
Schwartz, M., s. Silhavy, T.J., et al. 249
Schwartz, V., s. Silhavy, T.J., et al. 249
Schwartzbach, S.D., s. Helling, R.B., et al. 1
Sealy-Lewis, H.M., Lycan, D., Scazzocchio, C.: Product Induction of Purine Hydroxylase II in *Aspergillus nidulans*. (Short Communication) 105
Sgaramella, V., s. Mottes, M., et al. 281
Shuman, H.A., s. Silhavy, T.J., et al. 249
Silhavy, T.J., Brickman, E., Bassford, P.J., Jr., Casadaban, M.J., Shuman, H.A., Schwartz, V., Guarente, L., Schwartz, M., Beckwith, J.R.: Structure of the *malB* Region in *Escherichia coli* K12. II. Genetic Map of the *malE.F.G* Operon 249
Spare, W.J., s. Bownes, M., et al. 67
Stanley, J., Dunican, L.K.: Intergeneric Mobilization of *Rhizobium nif* Genes to *Agrobacterium* and *Klebsiella* 211
Taylor, D.E., Levine, J.G.: Characterization of a Plasmid Mutation Affecting Maintenance, Transfer and Elimination by Novobiocin. Evidence that Bacterial DNA Gyrase is Required for Replication of H Group Plasmids . . . 127
Tohoyama, H., Hagiya, M., Yoshida, K., Yanagishima, N.: Regulation of the Production of the Agglutination Substances Responsible for Sexual Agglutination in *Saccharomyces cerevisiae*: Changes Associated with Conjugation and Temperature Shift 269
Touati-Schwartz, D.: A *dnaB* Analog *bam*, Specified by Bacteriophage P1: Genetic and Physiological Evidence for Functional Analogy and Interactions Between the Two Products 173
Touati-Schwartz, D.: A New Pleiotropic Bacteriophage P1 Mutation, *bof*, Affecting *c*1 Repression Activity, the Expression of Plasmid Incompatibility and the Expression of Certain Constitutive Prophage Genes 189
Trautner, T.A., s. Mottes, M., et al. 281
Vola, C., s. Pardo, D., et al. 53
Whitehouse, H.L.K., s. Sang, H. 327
Wiame, J.-M., s. Deschamps, J., et al. 225
Wilkie, D., s. Egilsson, V., et al. 39
Williamson, V.M., Doi, R.H.: Sigma Factor is Not Released During Transcription in *Bacillus subtilis* 47
Woloshyn, E.P., s. Johnson, M.M., et al. 287
Yanagishima, N., s. Tohoyama, H., et al. 269
Yoshida, K., s. Tohoyama, H., et al. 269

Indexed in Current Contents